

**SPECIFICATION AMENDMENTS**

Please amend the paragraph beginning at page 4, line 1 as follows:

“**FIG. 2** illustrates a schematic diagram of one embodiment **120** of power supply **20** (**FIG. 1**) for one embodiment **110** of LED light source **10** (**FIG. 1**) made in accordance with the present invention. Power supply **120** employs a flyback transformer with current feedback through a power factor corrector (“PFC”) IC to supply power to LED light source **110**. To this end, power supply **120** includes an EMI filter **121**, an AC/DC converter (“AC/DC”) **122**, a transformer **123**, a power factor corrector **124**, a feedback controller **125**, an optocoupler **126**, a LED control switch **127**, a LED PWM dimmer [[**129**]] **128**, resistors **R1-R7**, capacitors **C1-C5**, diodes **D1-D3**, zener diodes **Z1-Z3** and a MOSFET **Q1** as illustrated in **FIG. 2**.”

Please amend the paragraph beginning at page 8, line 3 as follows:

“**FIG. 4** illustrates one embodiment of short/open detection circuit **130**. A LED voltage drop  $V_{LD}$  across the LED light source **110** applied between a node **N1** and a node **N2**, and an input voltage  $V_{IN}$  is applied between node **N2** and a common reference. The LED voltage drop  $V_{LD}$  approximates zero (0) volts when LED light source **110** (**FIG. 2**) is shorted, and approximates the LED voltage  $V_{LED}$  of regulated power  $P_{REG}$  (**FIG. 1**) when LED light source **110** is an open circuit. The input voltage  $V_{IN}$  is typically in the range of six (6) volts to sixteen (16) volts. A comparator [[**U3**]] **U5** in the form of an operational amplifier provides a detection signal  $V_{DS}$  at a high level to indicate a “LED outage” condition of LED light source **110** and at a low level to indicate a normal operation of LED light source **110**. The “LED outage” condition is either indicative of a short or open of LED light source **110**.”